

PART B - FEE(S) TRANSMITTAL

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23474 7590 07/25/2007

FLYNN THIEL BOUTELL & TANIS, P.C.
 2026 RAMBLING ROAD
 KALAMAZOO, MI 49008-1631

09/20/2007 SSITHIB2 00000001 10565339

01 FC:1501 1400.00 OP
 02 FC:1504 300.00 OP

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(Depositor's name)
(Signature)
(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/565,339	01/19/2006	Eiji Fujisawa	5725.P0019US	2165

TITLE OF INVENTION: OPTICAL SWITCH DEVICE

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$300	\$0	\$1700	10/25/2007

EXAMINER	ART UNIT	CLASS-SUBCLASS
WONG, TINA MEI SENG	2874	385-018000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).
☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list

(1) the names of up to 3 registered patent attorneys or agents OR, alternatively,
 (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 Flynn, Thiel,
 2 Boutell & Tanis, P.C.
 3 _____

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type) Reel/Frame: 018230/0826

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

OMRON CORPORATION

KYOTO, JAPAN

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☒ Corporation or other private group entity ☐ Government

4a. The following fee(s) are submitted:

- ☒ Issue Fee
☒ Publication Fee (No small entity discount permitted)
☐ Advance Order - # of Copies _____

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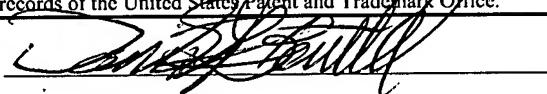
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☐ Payment by credit card. Form PTO-2038 is attached.
☐ The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number _____ (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

- ☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. ☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature



Date September 17, 2007

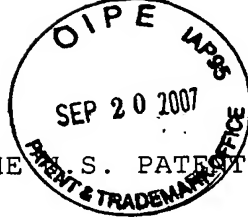
Typed or printed name

David G. Boutell

Registration No. 25 072

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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PATENT APPLICATION

IN THE U.S. PATENT AND TRADEMARK OFFICE

September 17, 2007.

Applicant(s): Eiji FUJISAWA et al

Title: OPTICAL SWITCH DEVICE

Serial No.: 10/565 339

Group: 2874

Confirmation No.: 2165

Filed: January 19, 2006

Examiner: Wong

International Application No.: PCT/JP2004/011087

International Filing Date: August 3, 2004

Atty. Docket No.: 5725.P0019US

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Commissioner for Patents
P.O. Box 1450
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TRANSMITTAL FOR FORM PTOL-85 (PART B)

Sir:

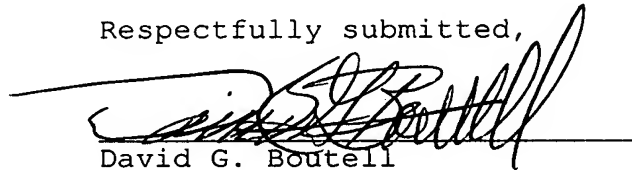
Enclosed is Issue Fee/Publication Fee Transmittal Form PTOL-85 (Part B) and a check in the amount of \$1,700.00 to cover the Issue Fee and Publication Fee (if required).

The Commissioner is hereby authorized to credit any overpayment of, or to charge any deficiency in, the patent issue fees or publication fees required under 37 CFR 1.18 to Deposit Account No. 06-1382. A duplicate copy of this sheet is enclosed.

IN DUPLICATE

DGB/DJW/jas

Respectfully submitted,



David G. Boutell

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Kalamazoo, MI 49008-1631
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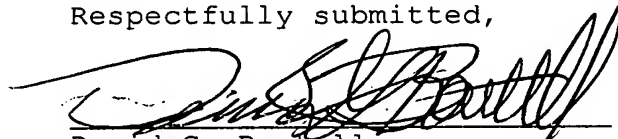
Dale H. Thiel	Reg. No. 24	323
David G. Boutell	Reg. No. 25	072
Terryence F. Chapman	Reg. No. 32	549
Mark L. Maki	Reg. No. 36	589
Liane L. Churney	Reg. No. 40	694
Brian R. Tumm	Reg. No. 36	328
Steven R. Thiel	Reg. No. 53	685
Donald J. Wallace	Reg. No. 43	977
Sidney B. Williams, Jr.	Reg. No. 24	949

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Respectfully submitted,


David G. Boutell

175.05/05

B



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IN THE U.S. PATENT AND TRADEMARK OFFICE

September 17, 2007

Applicant(s): Eiji FUJISAWA et al
For: OPTICAL SWITCH DEVICE

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COMMENTS ON STATEMENT OF REASONS FOR ALLOWANCE

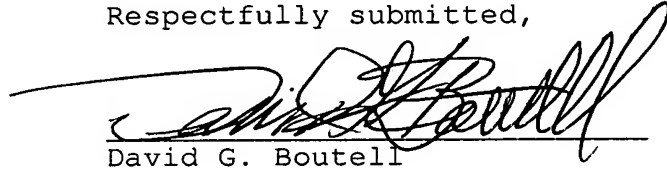
Sir:

In the Examiner's Statement of Reasons for Allowance, the Examiner states that the prior art of record fails to disclose or reasonably suggest a clamping mechanism with a pushing member arranged in a configuration as presented in the independent claims where the pushing member functions to move the movable member into a switched and unswitched state in addition to the accompanying features of the independent claim and the intervening claims.

Applicants would hereby like to clarify that the limitation "the pushing member functions to move the movable member into a switched and unswitched state" is not found in any of the allowed claims. Instead, independent claim 1 includes the language "a pushing member for switching between a clamped state in which the movable member is pressed along the Y direction and fixed to the fixed-side member, and an unclamped state in which the pressing of the movable member

along the Y direction is released". Independent claim 8 requires "a clamp mechanism provided with a pushing member for switching between a clamped state in which the movable member is pressed and fixed to the fixed-side member, and an unclamped state in which the movable member is released".

Respectfully submitted,



David G. Boutell

DGB/DJW/jas

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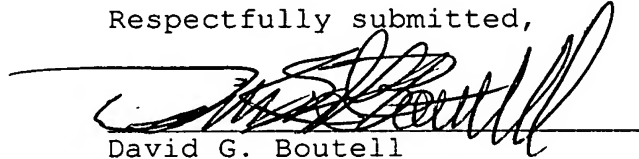
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Respectfully submitted,



David G. Boutell